

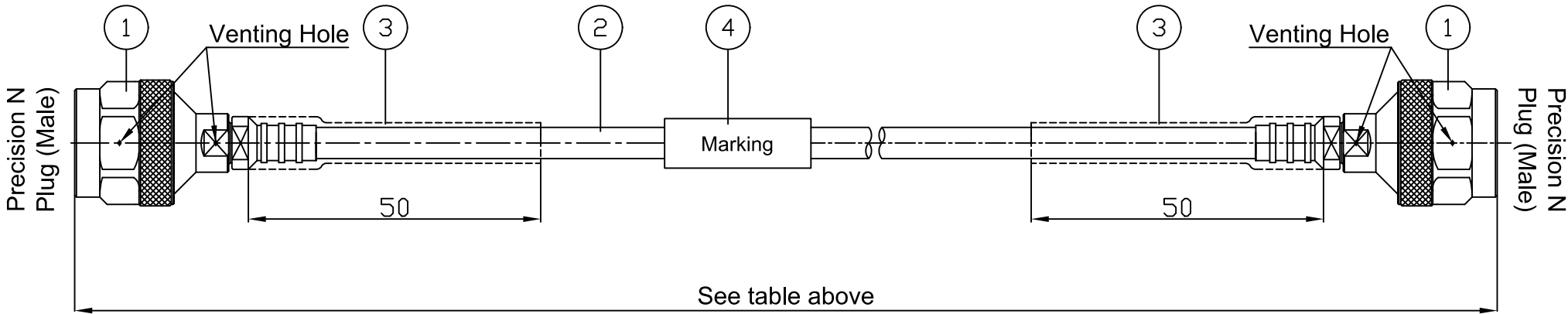
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCN1K50-MP533A-PCN1K50-500A/18G		500
PCN1K50-MP533A-PCN1K50-1000A/18G		1000
PCN1K50-MP533A-PCN1K50-2000A/18G		2000
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f} \text{ (dB)}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/20/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCN1K50-MP533A-PCN1K50-XXX/18G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- $TML < 1\%$ $CVC M < 0.1\%$

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° ± 1°	DATE		mm [inch]
2	CABLE	ROSNOL MP533A Cable	See table above	mm		DATE		
1	Precision N Solder Clamp Plug	PCN1K50-MP533AEA/9XX	2	EA		DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M		DATE		

ROSNOL

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N-CAGE Code: SFKK0



TITLE

Precision N Plug (Male) to Precision N Plug (Male)
XXX Meter Cable Assembly for MP533A Cable

DRAWING NO.

PCN1K50-MP533A-PCN1K50-XXX/18G